

Sub B2  
A2  
5. (Once Amended) A system for flow cytometry, comprising:

- a. a flow cytometer instrument;
- b. a reagent for preparing leukocytes for analysis by flow cytometry, said reagent including:
  - i. a lipoprotein;
  - ii. an agent for lysing erythrocytes for permitting cytometric analysis of said leukocytes; and
  - iii. a preservative selected from the group consisting of diazolidinyl urea (DU), imidazolidinyl urea (IDU), an oxazolidine and mixtures thereof.

Sub  
DI  
A3  
9. (Once Amended) The composition of claim 1 further comprising a physiologically compatible salt.

35. (Once Amended) The system of claim 5 further comprising a sample preparation instrument for preparing a whole blood sample for flow cytometric analysis.

A4  
36. (Once Amended) The system of claim 5 further comprising an antibody for binding with a surface antigen of at least one of said leukocytes.

Please add new claims 39 and 40:

Sub B3  
A5  
39. (New) A reagent composition for preparing leukocytes for cytometric analysis, comprising:

- a. a high density lipoprotein;
- b. an agent for lysing erythrocytes in a sample of fresh blood for permitting cytometric analysis of said leukocytes; and